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UNITED STATES PATENT AND TRADEMARK OFFICE  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 13115)

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In the Application of: )  
N. Berinstein; J. Tartaglia; )  
P. Moingeon; B. Barber )  
Serial No.: 09/693,754 )  
Filed: October 20, 2000 )  
For: Method of Inducing and/or Enhancing )  
An Immune Response to Tumor Antigens )

Examiner: A. M. Beckerleg  
Art Unit: 1632

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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BOX DD  
Asst. Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicants respectfully submit this Information Disclosure Statement, PTO-1449 and copies of the reference cited therein. This Information Disclosure Statement is in compliance with the duty of candor as set forth in 37 C.F.R. § 1.56. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing of the present application.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §102 or §103.

02/13/2002 PZIMMER 09693754 09693754

CITED REFERENCES

RECEIVED  
TECH CENTER 1600/2800  
02 FEB -7 PM 4:11

U.S. Patents

1. 5,348,887
2. 5,869,445
3. 5,994,132
4. 5,932,210
5. 6,057,158
6. 5,792,462
7. 5,739,026
8. 5,843,723
9. 5,789,245
10. 5,762,938
11. 5,378,457
12. 5,494,807
13. 5,505,941
14. 5,756,103
15. 5,833,975
16. 5,990,091
17. 5,756,103
18. 5,185,146
19. 5,364,773
20. 4,769,330
21. 4,722,848
22. 4,603,112
23. 5,110,587
24. 5,174,993
25. 4,882,278
26. 5,698,530
27. 5,874,560
28. 5,342,774

29. 6,235,525
30. 5,831,016
31. 6,083,783
32. 5,804,381

**Foreign Patent Documents**

33. WO 98/14464
34. WO 95/29193
35. WO 97/34613
36. WO 98/33810
37. WO 99/19478
38. WO 98/58951
39. WO 98/02538
40. WO 97/29195
41. WO 96/21734
42. WO 97/11669
43. WO 97/34613
44. WO 98/33810
45. WO 95/23234
46. WO 97/26535
47. WO 97/15597
48. WO 96/40754
49. WO 99/18206
50. WO 95/04542
51. WO 95/25530
52. WO 95/25739
53. WO 96/26214
54. WO 97/31017
55. WO 98/10780

56. WO 98/17783
57. WO 97/44475
58. WO 99/61034
59. WO 99/50292
60. WO 99/27101
61. WO 97/20575
62. WO 96/40955
63. WO 96/30534
64. WO 92/10578
65. WO 95/27044
66. WO 95/31565
67. WO 98/15636
68. WO 92/11354
69. WO 94/01533
70. WO 94/19482
71. WO 92/11361\
72. WO 88/06626
73. WO 90/00594
74. WO 91/13157
75. WO 92/01796
76. WO 92/21376
77. EP 584266
78. WO 92/19266
79. WO 98/04727

**Other Documents:**

80. Van der Bruggen, P., *Science* 254:1643 (1991)
81. Kawakami, et al., *J Immunol* 154:3961-3968 (1995)
82. Kawakami, et al., *J Exp Med* 180:347-352 (1994)

83. Castelli, et al., *J Exp Med* 181:363-368 (1995)
84. Wang, et al., *J. Exp Med* 186:1131-1140 (1996)
85. Wolfel, et al., *Eur J Immunol* 24:759-764 (1994)
86. Rogner, et al., *Genomics* 29:729-731 (1995)
87. Boel, et al., *Immunity* 2:167-175 (1995)
88. Van den Eynde, et al., *J Exp Med* 182:689-698 (1995)
89. Gaugler, et al., *Immunogenetics* 44:323-330 (1996)
90. Theobald, et al., *Proc Natl Acad Sci USA* 92:11993-11997 (1995)
91. Fisk, et al., *J Exp Med* 181:2109-2117 (1995)
92. Kwong, et al., *J Natl Cancer Inst* 85:982-990 (1995)
93. Jerome, et al., *J Immunol* 151:1654-1662 (1993)
94. Ioannides, et al., *J Immunol* 151:3693-3703 (1993)
95. Takahashi, et al., *J Immunol* 153:2102-2109 (1994)
96. Xue, et al., *The Prostate* 30:73-78 (1997)
97. Israeli, et al., *Cancer Res* 54:1807-1811 (1994)
98. Zaremba, S., et al., *Cancer Res* 57:4570-4577 (1997)
99. Tsang, K.T., et al., *J Int Cancer Inst* 87:982-990 (1995)
100. Valmori, D., et al., *J Immunol* 164:1125-1131 (2000)
101. Eura, M., et al., *Clinical Cancer Research* 6:979-986 (2000)
102. Heidecker, et al., *J Immunol* 164:6041-6045 (2000)
103. Tartaglia, et al., *Virology* 188:217 (1992)
104. Tartaglia, et al., *J Virol* 67:2370 (1993b)
105. Taylor, et al., *Virology* 187:321 (1992)
106. Matlashewski, et al., *EMBO J* 3(13):3257-3262 (1984)
107. Zakut-Houri, et al., *EMBO J* 4(5):1251-1255 (1985)
108. Harlow, et al., *Mol Cell Biol* 5(7):1601-1610 (1985)

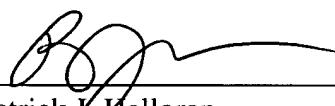
An Office Action on the merits has been received for the subject application. Accordingly, the undersigned hereby requests the requisite fee for submission of this supplemental information disclosure statement be charged to Deposit Account No. 50-0244.

Respectfully Submitted,

AVENTIS PASTEUR INC.

Date: 2/05/02

By:

  
\_\_\_\_\_  
Patrick J. Halloran  
Reg. No. 41,053

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 13115	Serial No. 09/693,754
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		TECH CENTER 1600/4900 FEB 11 2002 RECEIVED	
		Applicant: Berinstein, N.; Tartaglia, J.; Moingeon, P.; Baber, B.	
		Filing Date: October 20, 2000	Group: 1632

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
1		5,348,887	September 20, 1994	Bumol, TF; Gadski, RA; Hamilton, AE; Sportsman, JR; Strand, J	435	320.1	11/13/92
2		5,869,445	February 9, 1999	Cheever, MA; Disis, ML	514	2	4/1/96
3		5,994,132	November 30, 1999	Chamberlain, JS; Kumar-Singh, R	435	369	10/23/96
4		5,932,210	August 3, 1999	Gregory, RJ; Wills, KN; Maneval, DC	424	93.2	10/28/97
5		6,057,158	May 2, 2000	Chamberlain, JS; Hartigan-O'Connor, DJ	435	456	5/18/99
6		5,792,462	August 11, 1998	Johnston, RE; Davis, NL; Smith, JF; Pushko, P; Parker, M; Ludwig, F	424	199.1	5/23/95
7		5,739,026	April 14, 1998	Garoff, H; Liljestrom, P	435	240.2	12/12/91
8		5,843,723	December 1, 1998	Dubensky Jr, TW; Polo, JM; Ibanez, CE; Chang, SMW; Jolly, DJ; Driver, DA; Belli, BA	435	69.3	10/30/96
9		5,789,245	August 4, 1998	Dubensky Jr, TW; Polo, JM; Ibanez, CE; Chang, SMW; Jolly, DJ; Driver, DA	435	320.1	10/30/96
10		5,762,938	June 9, 1998	Paoletti, E; Perkus, ME; Taylor, J; Tartaglia, J; Norton, EK; Riviere, M; de Taisne, C; Limbach, KJ; Johnson, GP; Pincus, SE; Cox, WI; Audonnet, JF; Gettig, RR	424	199.1	8/21/96
11		5,378,457	January 3, 1995	Paoletti, E; Tartaglia, J	424	205.1	12/16/91
12		5,494,807	February 27, 1996	Paoletti, E; Perkus, ME; Taylor, J; Tartaglia, J; Norton, EK; Riviere, M; de Taisne, C; Limbach, KJ; Johnson, GP; Pincus, SE; Cox, WI; Audonnet, JF; Gettig, RR	435	69.3	8/12/93
13		5,505,941	April 9, 1996	Paoletti, E	424	93.2	7/22/92
14		5,756,103	May 26, 1998	Paoletti, E; Perkus, ME; Taylor, J; Tartaglia, J; Norton, EK; Riviere, M; de Taisne, C; Limbach, KJ; Johnson, GP; Pincus, SE; Cox, WI; Audonnet, JF; Gettig, RR	424	199.1	6/1/95
15		5,833,975	November 10, 1998	Paoletti, E; Tartaglia, J; Cox, WI	424	93.2	1/19/94
16		5,990,091	November 23, 1999	Tartaglia, J; Cox, WI; Gettig, RR; Martinez, H; Paoletti, E; Pincus, SE	514	44	3/12/97
17		5,756,103	May 26, 1998	Paoletti, E; Perkus, ME; Taylor, J; Tartaglia, J; Norton, EK; Riviere, M; de Taisne, C; Limbach, KJ; Johnson, GP; Pincus, SE; Cox, WI; Audonnet, JF; Gettig, RR	424	199.1	6/1/95
18		5,185,146	February 9, 1993	Altenburger, W	424	89	1/4/89
19		5,364,773	November 15, 1994	Paoletti, E; Perkus, ME	435	69.1	3/24/93
20		4,769,330	September 6, 1988	Paoletti, E; Panicali, D	435	172.3	12/24/81
21		4,722,848	February 2, 1988	Paoletti, E; Panicali, D	424	89	6/19/84
22		4,603,112	July 29, 1986	Paoletti, E; Panicali, D	435	235	12/8/82

Examiner	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 13115

Serial No. 09/693,754

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Applicant: Berinstein, N.; Tartaglia, J.; Moingeon, P.; Barber, B.

Filing Date: October 20, 2000

Group: 1632

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
23		5,110,587	May 5, 1992	Paoletti, E; Panicali, D	424	89	6/14/90
24		5,174,993	December 29, 1992	Paoletti, E	424	89	6/14/90
25		4,882,278	November 21, 1989	Mekalanos, JJ	435	172.3	4/29/83
26		5,698,530	December 16, 1997	Schlom, J; Kantor, JA	514	44	7/1/94
27		5,874,560	February 23, 1999	Kawakami, Y; Rosenberg, SA	536	23.5	4/22/94
28		5,342,774	August 30, 1994	Boon, T., et al.	435	240.2	12/12/91
29		6,235,525	May 22, 2001	Vanden Eynde, B; Vander Bruggen, P; Boon-Falleur, T	435	325	3/26/93
30		5,831,016	November 3, 1998	Wang, RF; Rosenberg, SA	530	350	10/4/96
31		6,083,783	July 4, 2000	Wang, RF; Rosenberg, SA	435	6	9/28/98
32		5,804,381	September 8, 1998	Chen, Y; Scanlan, M; Gure, A; Old, LJ	435	6	10/3/96

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes      No
33		WO 98/14464	4/9/98	PCT			X
34		WO 95/29193	11/2/95	PCT			X
35		WO 97/34613	9/25/97	PCT			X
36		WO 98/33810	8/6/98	PCT			X
37		WO 99/19478	4/22/99	PCT			X
38		WO 98/58951	12/30/98	PCT			X
39		WO 98/02538	1/22/98	PCT			X
40		WO 97/29195	8/14/97	PCT			X
41		WO 96/21734	7/18/96	PCT			X
42		WO 97/11669	4/3/97	PCT			X
43		WO 97/34613	9/25/97	PCT			X
44		WO 98/33810	8/6/98	PCT			X
45		WO 95/23234	8/31/95	PCT			X
46		WO 97/26535	7/24/97	PCT			X
47		WO 97/15597	5/1/97	PCT			X

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	Document Number	Date	Country	Class	Subclass	Translation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
48	WO 96/40754	12/19/96	PCT			X
49	WO 99/18206	8/5/99	PCT			X
50	WO 95/04542	2/16/95	PCT			X
51	WO 95/25530	9/28/95	PCT			X
52	WO 95/25739	9/28/95	PCT			X
53	WO 96/26214	8/29/96	PCT			X
54	WO 97/31017	8/28/97	PCT			X
55	WO 98/10780	3/19/98	PCT			X
56	WO 98/17783	4/30/98	PCT			X
57	WO 97/44475	11/27/97	PCT			X
58	WO 99/61034	12/2/99	PCT			X
59	WO 99/50292	10/7/99	PCT			X
60	WO 99/27101	6/3/99	PCT			X
61	WO 97/20575	6/12/97	PCT			X
62	WO 96/40955	12/19/96	PCT			X
63	WO 96/30534	10/3/96	PCT			X
64	WO 92/10578	6/25/92	PCT			X
65	WO 95/27044	10/12/95	PCT			X
66	WO 95/31565	11/23/95	PCT			X
67	WO 98/15636	4/16/98	PCT			X
68	WO 92/11354	7/9/92	PCT			X
69	WO 94/01533	1/20/94	PCT			X
70	WO 94/19482	9/1/94	PCT			X
71	WO 92/11361	7/9/92	PCT			X
72	WO 88/06626	9/7/88	PCT			X
73	WO 90/00594	1/25/90	PCT			X
74	WO 91/13157	9/5/91	PCT			X
75	WO 92/01796	2/6/92	PCT			X

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76	WO 92/21376	12/10/92	PCT			X
77	EP 584266	3/2/94	EPO			X
78	WO 92/19266	11/12/92	PCT			X
79	WO 98/04727	2/5/98	PCT			

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

80	Van der Bruggen, P., <i>Science</i> 254:1643 (1991)
81	Kawakami, et al., <i>J Immunol</i> 154:3961-3968 (1995)
82	Kawakami, et al. <i>J Exp Med</i> 180:347-352 (1994)
83	Castelli, et al., <i>J Exp Med</i> 181:363-368 (1995)
84	Wang, et al., <i>J Exp. Med</i> 186:1131-1140 (1996)
85	Wolfel, et al., <i>Eur J Immunol</i> 24:759-764 (1994)
86	Rogner, et al., <i>Genomics</i> 29:729-731 (1995)
87	Boel, et al., <i>Immunity</i> 2:167-175 (1995)
88	Van den Eynde, et al., <i>J Exp Med</i> 182:689-698 (1995)
89	Gaugler, et al. <i>Immunogenetics</i> 44:323-330 (1996)
90	Theobald, et al., <i>Proc Natl Acad Sci USA</i> 92:11993-11997 (1995)
91	Fisk, et al., <i>J Exp Med</i> 181:2109-2117 (1995)
92	Kwong, et al., <i>J Natl Cancer Inst</i> 85:982-990 (1995)
93	Jerome, et al., <i>J Immunol</i> 151:1654-1662 (1993)
94	Ioannides, et al, <i>J Immunol</i> 151:3693-3703 (1993)
95	Takahashi, et al., <i>J Immunol</i> 153:2102-2109 (1994)
96	Xue, et al., <i>The Prostate</i> 30:73-78 (1997)
97	Israeli, et al., <i>Cancer Res</i> 54:1807-1811 (1994)
98	Zaremba, S., et al., <i>Cancer Research</i> 57:4570-4577 (1997)

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		Filing Date: October 20, 2000	Group: 1632 TEC

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